

Kirkham Grammar Junior, Infant and Pre-School

Spring Term

J3 Curriculum Overview

English

In English this term, pupils will have the opportunity to engage with exciting Poetry, Fiction and Non-Fiction units, as well as spelling, punctuation and grammar. In Poetry, the pupils will explore narrative poems, focusing in depth on the work of two poets. They will learn about information retrieval, answering questions that require literal comprehension, inference, deduction and imagination. Pupils will watch and enjoy a poet performing his work. In Fiction, pupils will explore a fiction set in Lebanon where they will read the interactive eBook, asking questions and developing understanding of inference and the author's use of language. They will use discussion and role-play to explore characters and the impact of civil war. For their main write, pupils will edit and write a story from a different character's point of view. In Non-Fiction, the pupils will have the exciting opportunity to explore the mission to: *Run the Museum of Fun!*. They will read the interactive eBook, scanning and summarising information, relating it to their lives and experiences. They will complete the mission by planning, writing and presenting television adverts to encourage people to visit the museum. In Spelling and Grammar lessons, the pupils will continue to develop their understanding of word classes, learn how to apply a range of clauses to their sentences, and how to swap between direct and reported speech in their English written work. They will continue with their weekly spelling patterns with the focus on various suffixes.

Mathematics

In Mathematics, pupils will cover five units: *Multiplication and Division* where they will further develop their understanding of these operations, interpreting remainders, drawing on a variety of written methods and applying knowledge of multiples; *Fractions* will introduce pupils to adding and subtracting related fractions by finding a common denominator. This is the first time pupils will have met such a concept and visual representations of fractions should help them grasp this fundamental topic. They will extend their knowledge to adding and subtracting simple mixed numbers, as well as proper and improper fractions; *Decimals and Percentages* will enable the pupils to read, write, order and compare numbers with up to three decimal places, read and write decimal numbers as fractions, round decimals with two decimal places to the nearest whole number and to one decimal place, and recognise the percent symbol (%). They will learn that percent relates to 'number of parts per hundred'; *Measure* will teach the pupils to measure and calculate the perimeter of composite rectilinear shapes, as well as calculating and comparing the area of rectangles (including squares) using standard units; *Graphs and Tables* will allow pupils to solve comparison, sum and difference problems using information presented in a line graph and to complete, read and interpret information in tables, including timetables.

Science

In Science this term, pupils will develop their scientific understanding as they study two fascinating topics: *Circle of Life* and *Let's Get Moving*. In *Circle of Life* the pupils will look at the life cycles of various species including mammals, amphibians, fish and birds. They will also look at and describe the life process of reproduction in plants and animals. In *Let's Get Moving* pupils will learn about forces and machines. They start with the force of gravity then study friction forces, including air and water resistance, before investigating how simple machines work.

History

In History this term, pupils will study two topics: *The Tudors* and *Early Islamic Civilisation*. In *The Tudors*, pupils will learn about the main events and timeline of the Tudor reign, the Monarchs that ruled during the Tudor reign, and how entertainment and exploration changed in Britain during this time period. In *Early Islamic Civilisation* pupils will explore one of the most influential cities in early Islamic civilization, Baghdad, in modern day Iraq. During the *Islamic Golden Age*, between 900 and 1200, Baghdad was the

largest city in the world, with a population of over 1 million people. It was at the centre of the world's great trading routes and became a very wealthy city. It also became renowned as a centre of learning and religious tolerance.

Geography

In Geography, pupils will study *Biomes and Climate Zones of Planet Earth*. Pupils will learn the difference between weather and climate and how these differ from biomes. They will have the opportunity to conduct their own research, using textbooks and the Internet, about the key biomes and climate zones that are found on Earth. They will begin to compare and contrast the different biomes based on climate, topography and the ecosystems found. Pupils will also explore how humans can impact, and have impacted, upon different biomes around the world.

Computing

In Computing this term, pupils will enjoy becoming architects and web developers. In *We Are Architects*, pupils will research examples of art gallery architecture, before using *Trimble SketchUp* to create their own virtual gallery. Finally, they will use the gallery to exhibit their own artwork. In *We Are Web Developers*, pupils begin by learning how the school network and the Internet work. They will explore the HTML used to create websites and edit this using *Chrome Developer Tools*. They will finally create their own website about online safety using Google sites.

Religious Education

In Religious Education this term, pupils will study *Jewish Worship and Community* and *Buddhist Worship and Beliefs*. In *Jewish Worship and Community*, pupils will find out about some of the key features of worship in Judaism, and understand the significance of prayer in Judaism. They will also find out how belonging to a faith community can affect your actions. In *Buddhist Worship and Beliefs*, pupils will learn who Buddha was and why he is important to Buddhists today. They will research some of the core beliefs and teachings of Buddhism, as well as finding out where Buddhists worship and the role of symbols within worship.

Design Technology

In Design Technology this term, pupils will be recapping what they learnt in the previous term about mechanisms, specifically cams and pulleys. They will use this knowledge to plan and carefully design their own fairground ride, which they will then build out of wood to create a working model. There will be a focus in particular on *Carousels* and *Merry-Go-Rounds*.

Art

In Art this term, pupils will increase their understanding of the concepts in this topic by exploring *The Explosion of Pop Art*. Although it started in the United Kingdom, Pop Art became a huge art style in the USA and, in particular, New York City. Pop Art used commercial items and cultural icons such as advertisements, film celebrities, product labels and logos, and was seen as a reaction and challenge to the seriousness of art styles from the past. Pupils will learn about famous Pop Artists, learn about the various styles and effects used, and have the opportunity to explore the various techniques used by Pop Artists.

Music

The pupils will be preparing for their production *Ye- Ha!* in May 2023; they will develop their singing technique, learning to keep in time, and work on musical notation and rhythm. Mad Dog McNut and his gang are running wild and Wilbur Hubbard, the cowardly cook at the Fourdoor Saloon, lands the job that no-one wants - Sheriff of Splodge City. Luckily for Wilbur, Billie-Jo Brisket and her faithful steed, Lightning, roll into town to lend a hand, and suddenly the race is on to save the town. It's a rootin' - tootin' tale of crazy cowboys, barmy baddies, masked heroes and hidden gold! *Ye-Ha!* mixes comical characters, a side-splitting script and sparkling songs in a musical.

Personal, Social, Health and Economic Education including Relationship and Sex Education

In PSHE this term, pupils will study two topics: *Dreams and Goals* and *Healthy Me*. In *Dreams and Goals*, pupils will have the exciting opportunity to consider and share their goals for the future. They will investigate a number of jobs and careers and try to decide upon their 'dream job'. We will discuss the steps that need to be taken in order to reach our dreams and goals. Pupils will also learn how they can support each other in reaching their goals. In *Healthy Me* pupils will learn about various aspects of health, what it means to be healthy and why it is important to be healthy. We will discuss the dangers of smoking and alcohol, as well as considering body image and our relationship with food. Pupils will also enjoy learning about, and building upon, their knowledge of emergency first aid.

French

In French, the pupils will be introduced to higher numbers up to 100. They will learn about the history and use of the Euro, and will be able to ask the price of something and say how much something costs. They will learn about the café culture in France. They will be introduced to authentic café menus and be able to order food and drink politely for themselves. Finally the pupils will write and perform their own role-play at a café.

Physical Education, Games and Swimming

During the Spring term, our J3 pupils will be taking part in: *Gymnastics* - creating and adapting sequences with counter balances and counter tension; *Dance* - creating imaginative actions based on words, covering a variety of themes, focussing on good timing and performing in unison. They will develop confidence and understanding of different stimuli while performing in a group or as a duet. In addition they will enhance their evaluation skills using technical language to provide useful feedback to improve performances; *Swimming* – pupils will further develop core aquatic skills to be able to swim uninterrupted using one stroke. They will improve stroke technique to include rhythmical breaths and aim to swim at least 20 metres of their chosen stroke or a variety of strokes; *Indoor Athletics* – they will develop physical, health-related fitness, including jumping, running, and throwing; *Football* – they will improve team play, developing basic skills, for example dribbling and turning with the ball; *Rugby* – pupils will continue to improve technical skills, for example passing and tackling whilst developing game understanding; *Hockey* – they will develop ball handling skills to combine dribbling and passing in order to enhance distribution skills. They will develop knowledge of game play, including formation and tactics in different game situations, reacting to play and gaining confidence when taking sidelines and free hits; *Netball* – pupils will improve their movements to enhance elimination skills, creating lead runs and dodging skills. They will also gain experience playing in a variety of positions to further develop positional play awareness and reactions to umpiring decisions.

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